Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) A revocation information transmission method used in a system including first and second contents transmitting devices for transmitting contents, and first and second contents receiving devices for receiving contents, the method comprising the steps of:

executing mutual authentication ~~between a~~between the first and second contents transmitting ~~equipment and a~~devices and the first and second contents receiving devices, respectively~~equipment~~, ~~executed by~~ the first and second contents transmitting ~~equipment which reads~~devices reading authentication information of the first and second contents receiving devices ~~receiving equipment through a second digital interface~~;

individually uploading revocation information including key information of mutual authentication failure from the first and second contents transmitting ~~equipment~~devices or the first and second contents receiving ~~equipment~~devices in case of mutual authentication failure;

integrating the revocation information from the first contents transmitting device with the revocation information from the second contents transmitting device, as~~preparing~~ integrated revocation information ~~by integrating the revocation information individually uploaded~~;

packetizing the integrated revocation information and ~~multiplexing it~~multiplexing the packetized revocation information into a stream; ~~and~~

transmitting the stream~~,~~

~~wherein the revocation information transmission method is used in a system comprising a contents transmitting equipment for transmitting contents, a contents~~

~~receiving equipment for receiving contents, a first digital interface for outputting compressed/expanded digital signal from the contents transmitting equipment to the contents receiving equipment, and the second digital interface for transmitting and receiving data between the contents transmitting equipment and the contents receiving equipment~~.

2. (Cancelled)

3. (Previously Presented) The revocation information transmission method of claim 1, wherein the stream is an MPEG transport stream, and the integrated revocation information is transmitted by using a data structure of section of the MPEG transport stream.

4. (Previously Presented) The revocation information transmission method of claim 1, wherein the stream is an MPEG transport stream, and the integrated revocation information is transmitted by using a data structure of PES packet of the MPEG transport stream.

5. (Previously Presented) The revocation information transmission method of claim 1, wherein the stream is an MPEG transport stream, and the integrated revocation information is transmitted by using a payload of transport packet of the MPEG transport stream.

6. (Previously Presented) The revocation information transmission method of claim 1, wherein the integrated revocation information is transmitted by using an IP packet.

7. - 8. (Cancelled)

9. (Currently Amended) A revocation information transmitting apparatus comprising:

a plurality of contents transmitting devices~~equipments~~ for transmitting contents;

a plurality of contents receiving devices~~equipments~~ for receiving contents, which are respectively connected to the plurality of contents transmitting ~~equipments~~devices;

a first digital interface for outputting a compressed/expanded digital signal from the contents transmitting ~~equipment~~device to the contents receiving ~~equipment~~device;

a second digital interface for transmitting and receiving authentication information of the contents receiving ~~equipment~~device between the contents transmitting ~~equipment~~device and the contents receiving ~~equipment~~device;

a network for sucking up revocation information from the plurality of contents transmitting ~~equipments~~devices or the plurality of contents receiving ~~equipments~~devices in case of mutual authentication failure between the contents transmitting devices and contents receiving devices;

an integrating means for integrating the revocation information from the contents transmitting devices or the contents receiving devices, which is connected to the network;

a multiplexing means for packetizing the integrated revocation information integrated by the integrating means and multiplexing it into a stream; and

a transmitting means for transmitting the stream.

10. (Cancelled)

11. (Previously Presented) The revocation information transmitting apparatus of claim 9, wherein the stream is an MPEG transport stream, and the integrated revocation information is transmitted by using a data structure of section of the MPEG transport stream.

12. (Previously Presented) The revocation information transmitting apparatus of claim 9, wherein the stream is an MPEG transport stream, and the

integrated revocation information is transmitted by using a data structure of PES packet of the MPEG transport stream.

13. (Currently Amended) The revocation information transmitting apparatus of claim 9, wherein the stream is an MPEG transport stream, and the integrated revocation information is transmitted by using a payload of a transport packet of the MPEG transport stream.

14. (Previously Presented) The revocation information transmitting apparatus of claim 9, wherein the integrated revocation information is transmitted by using an IP packet.

15. -16. (Cancelled)

17. (Currently Amended) A revocation information transmission method comprising the steps of:

executing mutual authentication between a contents transmitting equipment and a contents receiving equipment, executed by the contents transmitting equipment which reads authentication information of the contents receiving equipment through a second digital interface; and

outputting revocation information including key information of mutual authentication failure from the contents transmitting equipment or the contents receiving equipment in case of mutual authentication failure,

wherein the revocation information transmission method is used in a system comprising a contents transmitting equipment for transmitting contents, a contents receiving equipment for receiving contents, a first digital interface for outputting compressed/expanded digital signal from the contents transmitting equipment to the contents receiving equipment, and ~~the a second~~a second digital ~~interfaceconnecting~~ interface connecting means for transmitting and receiving data between and connecting the contents transmitting equipment ~~andto~~ to the contents receiving equipment.

18. (Currently Amended) A revocation information transmitting apparatus comprising:

a plurality of contents transmitting equipments for transmitting contents;

a plurality of contents receiving equipments for receiving contents, which are respectively connected to the plurality of contents transmitting equipments;

a first digital interface for outputting compressed/expanded digital signal from the contents transmitting equipment to the contents receiving equipment;

a second digital interface connecting means for transmitting and receiving authentication information of the contents receiving apparatus between and connecting the contents transmitting equipment ~~and to~~to the contents receiving equipment;

a means for executing mutual authentication between the contents transmitting equipment and the contents receiving equipment; and

an outputting means for outputting revocation information including key information of mutual authentication failure from the contents transmitting equipment or the contents receiving equipment in case of failure in the mutual authentication.

19. (New) The revocation information transmission method of claim 1, wherein:

the first contents transmitting device includes a first digital interface for outputting a compressed/expanded digital signal to the first contents receiving device, and a second digital interface for executing the mutual authentication between the first contents transmitting device and the first contents receiving device, the method further comprising:

receiving the stream by the first contents transmitting device; and

selectively outputting, via the first digital interface of the first contents transmitting device, the compressed/expanded digital signal to the first contents receiving device responsive to the integrated revocation information received in the stream.